

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/009,420C  
Source: 1FW/b  
Date Processed by STIC: 11/23/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 11/23/2005

PATENT APPLICATION: US/10/009,420C

TIME: 12:26:24

Input Set : N:\CrF4\11212005\J009429C.raw

Output Set: N:\CRF4\11232005\J009420C.raw

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1 <110> APPLICANT: ROY, ARUN K.
2     LAVROVSKY, YAN
3     TYAGI, RAKESH K.
4     SONG, CHUNG S.
5     CHATTERJEE, BANDANA
6     CHEN, SHUO
7 <120> TITLE OF INVENTION: ESTROGEN RECEPTOR SITE-SPECIFIC RIBOZYMES AND USES
8     THEREOF FOR ESTROGEN DEPENDENT TUMORS
9 <130> FILE REFERENCE: UTSK:379US
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/009,420C
11 <141> CURRENT FILING DATE: 2003-02-03
12 <160> NUMBER OF SEQ ID NOS: 14
13 <170> SOFTWARE: PatentIn Ver. 2.1
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17 <212> TYPE: DNA
18 <213> ORGANISM: Artificial Sequence
19 <220> FEATURE:
20 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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33     cctgcagtgg cttgctgaat cc                                     22
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36 <211> LENGTH: 21
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46 <211> LENGTH: 1380
47 <212> TYPE: DNA

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Input Set : N:\CrF4\11212005\J009429C.raw

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48 &lt;213&gt; ORGANISM: Homo sapiens

49 &lt;400&gt; SEQUENCE: 4

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51 cctggacagc agcaagcccg ccgtgtacaa ctaccccgag ggcgcgcctt acgagttcaa 120
52 cgccgcggcc gccgccaacg cgcaggtcta cggtcagacc ggcctcccct acggcccccg 180
53 gtctgaggct gcggcggttc gctccaacgg cctggggggg ttccccccac tcaacagcgt 240
54 gtctccgagc ccgctgatgc tactgcaccc gccgcgcgag ctgtcgcctt tcctgcagcc 300
55 ccacggccag caggtgccct actacctgga gaacgagccc agcggtctaca cggtgcgcgga 360
56 ggccggcccc cggcattctt acaggccaaa ttcagataat cgacgccagg gtggcagaga 420
57 aagattggcc agtaccaatg acaagggaag tatggctatg gaatctgcca aggagactcg 480
58 ctactgtgca gtgtgcaatg actatgcttc aggctaccat tatggagtct ggtcctgtga 540
59 gggctgcaag gccttcttca agagaagtat tcaaggacat aacgactata tgtgtccagc 600
60 caccaaccag tgcaccattg ataaaaacag gaggaagagc tgccaggcct gccggctccg 660
61 caaatgctac gaagtgggaa tgatgaaagg tgggatacga aaagaccgaa gaggagggag 720
62 aatggtgaaa cacaagcgcc agagagatga tggggagggc aggggtgaag tggggtctgc 780
63 tggagacatg agagctgcca acctttggcc aagcccgcct atgatcaaac gctctaagaa 840
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65 gccccccata ctctattccg agtatgatcc taccagaccc ttcagtgaag cttcgatgat 960
66 gggcttactg accaacctgg cagacaggga gctgggtcac atgatcaact gggcgaagag 1020
67 ggtgccaggc tttgtggatt tgacctcca tgatcaggtc caccttctag aatgtgcctg 1080
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71 ggagtttgtg tgccctcaat ctattatttt gcttaattct ggagtgtaca catttctgtc 1320
72 cagcaccttg aagtctctgg aagagaagga ccatatccac cgagtctctg acaagatcac 1380

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74 &lt;210&gt; SEQ ID NO: 5

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77 &lt;213&gt; ORGANISM: Homo sapiens

78 &lt;400&gt; SEQUENCE: 5

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81 accggacccg caggctcccg gggcagggcc ggggccagag ctcgcggtgc ggcgggacat 180
82 gcgctgcgtc gcctctaacc tcgggctgtg ctctttttcc aggtggcccc cggtttctgt 240
83 agccttctgc cctgcgggga cacggtctgc accctgcccc cggccacgga ccatgaccat 300
84 gaccctccac accaaagcat ctgggatggc cctactgcat cagatccaag ggaacgagct 360
85 ggagccccg aaccgtccgc agctcaagat ccccctggag cggcccctgg gcgaggtgta 420
86 cctggacagc agcaagcccg ccgtgtacaa ctaccccgag ggcgcgcctt acgagttcaa 480
87 cgccgcggcc gccgccaacg cgcaggtcta cggtcagacc ggcctcccct acggcccccg 540
88 gtctgaggct gcggcggttc gctccaacgg cctggggggg ttccccccac tcaacagcgt 600
89 gtctccgagc ccgctgatgc tactgcaccc gccgcgcgag ctgtcgcctt tcctgcagcc 660
90 ccacggccag caggtgccct actacctgga gaacgagccc agcggtctaca cggtgcgcgga 720
91 ggccggcccc cggcattctt acaggccaaa ttcagataat cgacgccagg gtggcagaga 780
92 aagattggcc agtaccaatg acaagggaag tatggctatg gaatctgcca aggagactcg 840
93 ctactgtgca gtgtgcaatg actatgcttc aggctaccat tatggagtct ggtcctgtga 900
94 gggctgcaag gccttcttca agagaagtat tcaaggacat aacgactata tgtgtccagc 960
95 caccaaccag tgcaccattg ataaaaacag gaggaagagc tgccaggcct gccggctccg 1020
96 caaatgctac gaagtgggaa tgatgaaagg tgggatacga aaagaccgaa gaggagggag 1080
97 aatggtgaaa cacaagcgcc agagagatga tggggagggc aggggtgaag tggggtctgc 1140

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98      tggagacatg agagctgcca acctttggcc aagcccgcctc atgatcaaac gctctaagaa 1200
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100     gccccccata ctctattccg agtatgatcc taccagaccc ttcagtgaag cttcgatgat 1320
101     gggcttactg accaacctgg cagacaggga gctgggtcac atgatcaact gggcgaagag 1380
102     ggtgccaggc tttgtggatt tgacctcca tgatcaggtc caccttctag aatgtgcctg 1440
103     gctagagatc ctgatgattg gtctcgtctg gcgctccatg gagcaccag tgaagctact 1500
104     gtttgctcct aacttgctct tggacaggaa ccagggaata tgtgtagagg gcatgggtga 1560
105     gatcttcgac atgctgctgg ctacatcatc tcggttcgcg atgatgaatc tgcagggaga 1620
106     ggagtttgtg tgctcaaact ctattatttt gcttaattct ggagtgtaca catttctgtc 1680
107     cagcaccctg aagtctctgg aagagaagga ccatatccac cgagtcctgg acaagatcac 1740
108     agacactttg atccacctga tggccaaggc aggcctgacc ctgcagcagc agcaccagcg 1800
109     gctggcccag ctctctctca tcctctccca catcaggcac atgagtaaca aaggcatgga 1860
110     gcatctgtac agcatgaagt gcaagaacgt ggtgcccctc tatgacctgc tgctggagat 1920
111     gctggacgcc caccgcctac atgcgccac tagccgtgga ggggcatccg tggaggagac 1980
112     ggaccaaagc cacttgGCCA ctgcgggctc tacttcatcg cattccttgc aaaagtatta 2040
113     catcacgggg gaggcagagg gtttcctctg cacagtctga gagctcctg gc          2092
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119 <220> FEATURE:
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147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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VERIFICATION SUMMARY

DATE: 11/23/2005

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TIME: 12:26:25

Input Set : N:\Crf4\11212005\J009429C.raw

Output Set: N:\CRF4\11232005\J009420C.raw

L:10,M:270 C: Current Application Number differs, Replaced Current Application Number